



031204

16562 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. P2112US

First Inventor John M. BELCEA

Title A REAL-TIME SYSTEM AND METHOD
FOR IMPROVING THE ACCURACY OF
THE COMPUTED LOCATION OF
MOBILE SUBSCRIBERS IN A
WIRELESS AD-HOC NETWORK USING
A LOW SPEED CENTRAL
PROCESSING UNIT

Express Mail Label No. EU905097629US

APPLICATION ELEMENTS

1. ☒ Utility Patent Application Transmittal Form
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification (including claims and abstract) [Total Pages 24]
4. ☒ Drawings [Total Sheets 5]
5. ☒ Combined Declaration and Power of Attorney [Total Pages 3]
 - a. ☒ Newly executed
 - b. ☐ Copy from prior application [Note Box 6 below]
 - i. ☐ Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application
6. ☐ Incorporation by Reference: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered as part of the disclosure of the accompanying application and is hereby incorporated by reference.
7. ☒ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
9. Nucleotide and/or Amino Acid Sequence Submission
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper Copy
 - c. ☐ Statement verifying identity of above copies

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
P.O.Box 1450
Alexandria, Virginia 22313-1450**ACCOMPANYING APPLICATION PARTS**

10. ☐ Applicant requests early publication. (include publication fee under 37 CFR 1.18(d))
11. ☐ Assignment Papers (cover sheet and document(s))
12. ☐ 37 CFR 3.73(b) Statement (when there is an Assignee)
13. ☐ Power of Attorney
14. ☐ English Translation Document (if applicable)
15. ☐ Information Disclosure Statement (IDS)
☐ Form PTO-1449
☐ Copies of Listed Documents
16. ☐ Preliminary Amendment
17. ☒ Return Receipt Postcard (Should be specifically itemized)
18. ☐ Claim of Priority & Certified Copy of Priority Document(s)
19. ☐ Request & Certification Under 35 USC 122(b)(2)(B)(i) (Form PTO/SB/35 or its equivalent must be submitted with this application to prevent publication at 18 months)
20. ☒ Other: Filing Fee

21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below:
☐ Continuation ☐ Divisional ☐ Continuation-in-part of prior application no.
Prior application information: Examiner ; Group Art Unit:

APPLICATION FEES

| | | | | |
|---|--------------|--------------|-----------|----------|
| BASIC FEE | | | | \$770.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | |
| Total Claims | 21 -20= | 1 | x \$18.00 | \$18.00 |
| Independent Claims | 3 -3= | 0 | x \$86.00 | \$0.00 |
| <input type="checkbox"/> Multiple Dependent Claim if applicable | | | +\$290.00 | \$ |
| Total of above calculations = | | | | \$788.00 |
| Reduction by 50% for filing by small entity = | | | | \$() |
| <input type="checkbox"/> Assignment fee if applicable | | | +\$40.00 | \$ |
| <input type="checkbox"/> Early publication fee if applicable | | | +\$300.00 | \$ |
| TOTAL = | | | | \$788.00 |

15439 U.S. PTO
10/799090

031204

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. P2112US

22. ☐ Please charge my Deposit Account No. 07-0181 in the amount of \$
23. ☒ A check in the amount of \$788.00 is enclosed.
24. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 07-0181:
- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
25. ☒ The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 07-0181 for any fee that may be due in connection with such a request for an extension of time.

26. CORRESPONDENCE ADDRESS

☒ Customer Number: 08968☐ Reg. No.
Gardner Carton & Douglas LLP
191 N. Wacker Drive, Suite 3700
Chicago, IL 60606
(312) 569-1000 (telephone)
(312) 569-3000 (facsimile)

Name

Joseph J. Buczhinski, Registration No. 35,084

Signature



Date

March 12, 2004

Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application Transmittal and all documents referred to as being attached or enclosed are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" Service under 37 CFR 1.10 on the date indicated below and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



Name of Person Signing



Signature

March 12, 2004

Date

CH02/22298657.1

**EXPRESS MAILING CERTIFICATE
UNDER 37 CFR § 1.10**

Date of Deposit: March 12, 2004

"Express Mail" Mailing Number: EU905097629US

I hereby certify that the attached correspondence, including any documents or materials referred to thereon as enclosures or attachments, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Title: A REAL-TIME SYSTEM AND METHOD FOR IMPROVING THE
ACCURACY OF THE COMPUTED LOCATION OF MOBILE
SUBSCRIBERS IN A WIRELESS AD-HOC NETWORK USING A
LOW SPEED CENTRAL PROCESSING UNIT

Applicant(s): John M. Belcea

Application No.: Unassigned

Filing Date: March 12, 2004

Enclosed:

1. Utility Patent Application Transmittal (2 pgs) and duplicate thereof (2 pgs)
2. Application Data Sheet (3 pgs)
3. Executed Combined Declaration and Power of Attorney (3 pgs)
4. Patent Application comprising: Specification (19 pgs); Claims (4 pgs); Abstract (1 pg); Five (5) Sheets of Drawings (Figs. 1- 5; 5 pgs)
5. Check in the amount of \$788.00
6. Return postcard


Typed or Printed Name


Signature

Attorney Docket No. **P2112US**

Client No. 085610/0015

CH02/22298653.1